Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A [[The]] heat exchanger, ~~in particular charge-air cooler for motor vehicles, preferably for utility vehicles, having~~ comprising:

a first collecting vessel and a second collecting vessel configured for a first medium, wherein the first and second [[two]] collecting vessels each have a first media connection for the first medium and are connected to one another in a communicating manner via at least one heat exchanger element,

~~and having~~ a housing which accommodates the heat exchanger element, wherein the housing is configured to conduct ~~conducts~~ a second medium in an [[the]] interior of the housing and has second media connections for the second medium,

wherein ~~characterized in that~~ the housing [[(8)]] is configured ~~embodied~~ in such a way that at least one of the first and second collecting vessels is ~~vessel (2, 3), preferably both collecting vessels (2, 3), is/are~~ accommodated in the interior of said housing at a distance from an inner wall of the housing in at least a portion of the housing ~~(8), at least in part with a distance from the inner wall of the housing, at least in certain areas,~~

wherein the housing is in a shape of a bone when viewed in longitudinal section or in a shape that is approximated to a bone shape.

2. (Currently Amended) The heat exchanger as claimed in claim 1, wherein ~~characterized in that~~ the housing [[(8)]] completely accommodates the first and second collecting vessels ~~(2, 3)~~.

3. (Currently Amended) The heat exchanger as claimed in claim 1, wherein ~~characterized in that~~ the second media connections and the first and second collecting vessels are configured ~~(30, 31) are assigned to the two collecting vessels (2, 3)~~ in such a way that the first collecting vessel [[(2)]] is located between one [[a]] second media connection [[(30)]] and the heat exchanger element [[(27)]], and the second collecting vessel [[(3)]] is located between another ~~the other,~~ second media connection [[(31)]] and the heat exchanger element [[(27)]].

4. (Currently Amended) The heat exchanger as claimed in claim 1, wherein a ~~characterized in that the~~ direction of flow of the first medium [[(4)]] in the collecting vessels ~~(2, 3)~~ is in a transverse direction~~, in particular at right angles,~~ with respect to a [[the]] direction of flow of the first medium [[(4)]] in the heat exchanger element [[(27)]].

5. (Currently Amended) The heat exchanger as claimed in claim 1, wherein ~~characterized in that~~ the second media connections ~~(30, 31)~~ point ~~in the direction, or~~ approximately in a [[the]] direction[[,]] of flow of the first medium [[(4)]] in the heat exchanger element [[(27)]].

6. (Currently Amended) The heat exchanger as claimed in ~~according to~~ claim 1, wherein ~~characterized in that~~ the first media connections ~~(26, 29)~~ point in a [[the]] transverse direction~~, in particular at right angles,~~ with respect to a [[the]] direction of flow of the first medium [[(4)]] in the heat exchanger element [[(27)]].

7. (Currently Amended) The heat [[Heat]] exchanger as claimed in ~~according to~~ claim 1, wherein ~~characterized in that~~ the first media connections ~~(26, 29)~~ point in ~~the direction, or~~ approximately in a [[the]] direction[[,]] of a [[the]] longitudinal extent of the collecting vessels ~~(2, 3)~~.

8. (Currently Amended) The heat exchanger as claimed in claim 1, wherein ~~characterized in that the~~ a respective first media connection ~~(26, 29)~~ is aligned with a [[the]] longitudinal extent of an [[the]] associated[[,]] first or second collecting vessel ~~(2, 3)~~.

9. (Canceled)

10. (Currently Amended) The heat exchanger as claimed in claim 1, wherein ~~characterized in that the~~ walls ~~(12, 13)~~ and associated bottom and top walls of the housing ~~(8)~~ bear snugly against the heat exchanger element ~~(27)~~.

11. (Currently Amended) The heat exchanger as claimed in claim 1, wherein ~~characterized in that~~ the housing [[(8)]] forms a housing section of a fan housing [[(38)]] of a fan [[(37)]].

12. (Currently Amended) The heat exchanger as claimed in claim 11 [[1]], wherein ~~characterized in that~~ the fan housing [[(38)]] is ~~embodied as~~ a helical housing [[(40)]].

13. (Currently Amended) The heat exchanger as claimed in claim 1, wherein ~~characterized in that it~~ the heat exchanger is ~~embodied as~~ a counter flow heat exchanger.

14. (Currently Amended) The heat [[Heat]] exchanger as claimed in ~~according to~~ claim 1, wherein ~~characterized in that it~~ the heat exchanger is ~~embodied as~~ a co current heat exchanger.

15. (New) The heat exchanger as claimed in claim 1, wherein the heat exchanger is a charge-air cooler for motor vehicles.

16. (New) The heat exchanger as claimed in claim 15, wherein the charge-air cooler is for utility vehicles.

17. (New) The heat exchanger as claimed in claim 1, wherein the housing and the first and second collecting vessels are configured so that the second medium flow has a laminar flow through the heat exchanger.

18. (New) The heat exchanger as claimed in claim 1, wherein at least one of the first and second collecting vessels is configured so that the second medium flow around the collecting vessel in a laminar fashion.